

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Otis et al.

Confirmation No.:

Application No.:

Examiner:

Filing Date:

Group Art Unit:

Title: Laser Micromachining and Methods of Same

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e)(1) or (2), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV 316935707US

Date of Deposit **11-14-2003**

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By

Typed Name: Carlin Taylor

Respectfully submitted,

Otis et al.

By

Paul W. Mitch II

Attorney/Agent for Applicant(s)

Reg. No. **44,453**

Date: **11-14-2003**

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

200309850-1

APPLICATION NO.

CONFIRMATION NO.

APPLICANT

Otis et al.

FILING DATE

GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	2002/0050489	05-02-2002	Ikegami et al.	
	1B	2002/0106418	08-08-2002	Fukushima et al.	
	1C	2002/0170894	11-21-2002	Eisele et al.	
	1D	2003/0006220	01-09-2003	Cummings et al.	
	1E	2003/0062126	04-03-2003	Scaggs	
	1F	2003/0117449	06-26-2003	Cahill et al.	
	1G	2003/0127435	07-10-2003	Voutsas	
	1H	2003/0127441	07-10-2003	Haight et al.	
	1I	3,556,600	01-19-1971	Shoupp et al.	
	1J	3,656,988	04-18-1972	Steffen et al.	
	1K	5,068,513	11-26-1991	Gangemi	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L	EP 0993899	04-19-2000	Nihei et al.		
	1M	EP 0761448A3	10-22-1997	Jackson et al.		
	1N	EP 0761448B1	11-27-2002	Jackson et al.		
	1O	WO 02/076666	10-03-2002	Boyle et al.		
	1P	WO 03/028943	04-10-2003	Scaggs		

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

EXAMINER

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REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

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	2A	5,262,613	11-16-1993	Norris et al.	
	2B	5,356,081	10-18-1994	Sellar	
	2C	5,460,284	10-24-1995	Foltz et al.	
	2D	5,543,365	08-06-1996	Wills et al.	
	2E	5,630,953	05-20-1997	Klink	
	2F	5,658,471	08-19-1997	Murthy et al.	
	2G	5,742,028	04-21-1998	Mannava et al.	
	2H	5,747,771	05-05-1998	O'Neill	
	2I	5,773,791	06-30-1998	Kuykendal	
	2J	5,902,497	05-11-1999	Alber et al.	
	2K	5,916,460	06-29-1999	Imoto et al.	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	2L	JP 63108990	05-13-1988	Shinichi et al.		
	2M	JP 10291320	11-04-1998	Ashok et al.		
	2N	JP2003015086	01-15-2003	Masao		
	2O					
	2P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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PATENT APPLICATION

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	3A	6,120,131	09-19-2000	Murthy et al.	
	3B	6,183,064	02-06-2001	Murthy et al.	
	3C	6,262,390	07-17-2001	Goland et al.	
	3D	6,281,473	08-28-2001	Wright, III et al.	
	3E	6,323,456	11-27-2001	Murthy et al.	
	3F	6,333,488	12-25-2001	Lawrence et al.	
	3G	6,384,371	05-07-2002	Hinei et al.	
	3H	6,388,231	05-14-2002	Andrew's	
	3I	6,476,343	11-05-2002	Keicher et al.	
	3J	6,494,965	12-17-2002	Walker et al.	
	3K	6,512,198	01-28-2003	Eisele et al.	

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	3L					
	3M					
	3N					
	3O					
	3P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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	3R	
	3S	

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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	4A	6,555,779	04-29-2003	Obana et al.	
	4B	6,583,383	06-24-2003	Higashi et al.	
	4C	6,586,707	07-01-2003	Boyle et al.	
	4D				
	4E				
	4F				
	4G				
	4H				
	4I				
	4J				
	4K				

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